

BT03 Rec'd PCT/PT9 0 8 DEC 2004

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371**

000500-379 U.S. APPLICATION NO (ILLgown ser of FR 1.5)

ATTORNEY'S DOCKET NUMBER

INTERNATIONAL APPLICATION NO. PCT/SE03/01012

INTERNATIONAL FILING DATE 16 June 2003 (16.06.2003) PRIORITY DATE CLAIMED

	PCT/SE03/01012	16 June 2003 (16.06.2003)	17 June 2002 (17.06.2002)										
TITLE OF INVENTION													
METHODS AND USES OF THE INTEGRIN ALPHA 10 CHAIN, FOR PREVENTING PROGRESSION OF ATHEROSCLEROSIS PLAQUE FORMATION													
APPLIC	APPLICANT(S) FOR DO/EO/US												
Evy LUNDGREN-AKERLUND													
	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:												
· · -		` ,	ollowing items and other information:										
	This is a FIRST submission to items concerning a filing under 35 U.S.C. 371.												
2.	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.												
3	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.												
4.	The US has been elected by the expiration of 19 months from the priority date (Article 31).												
5. 🗶	A copy of the International Application as filed (35 U.S.C. 371(c)(2))												
	a. 🗵 is attached hereto (required only if not communicated by the International Bureau).												
	b. has been communicated by the International Bureau.												
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).												
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))												
	a. 🔲 is attached hereto.	***											
	b. has been previously submitte	ed under 35 U.S.C. 154(d)(4).											
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))												
	a. are attached hereto (required	d only if not communicated by the International I	Bureau).										
	b. have been communicated by	the International Bureau.											
	c. have not been made; however	er, the time limit for making such amendments h	has NOT expired.										
	d. have not been made and will	not be made.											
8.	An English language translation of th	e amendments to the claims under PCT Article	19 (35 U.S.C. 371(c)(3)).										
9.	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).											
10.	An English language translation of th PCT Article 36 (35 U.S.C. 371(c)(5)).	An English language translation of the annexes of the International Preliminary Examination Report under											
lter	ns 11 to 21 below concern documer	nt(s) or information included:											
11. 🔲	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.											
12. 🔲	An assignment document for recording	ng. A separate cover sheet in compliance with	37 CFR 3.28 and 3.31 is included.										
13. 🕱	A FIRST preliminary amendment.												
14. 🔲	A SECOND or SUBSEQUENT prelim	ninary amendment.											
15. 🔲	A substitute specification.												
16. 🔲	A change of power of attorney and/or	address letter.											
17. 🔲	A computer-readable form of the seq	uence listing in accordance with PCT Rule 13te	er.2 and 37 C.F.R. 1.821 - 1.825.										
18. 🔲	A second copy of the published interest	national application under 35 U.S.C. 154(d)(4).											
19.	A second copy of the English langua	ge translation of the international application un	der 35 U.S.C. 154(d)(4).										
20. X		tion Data Sheet, General Authorization for Petit											
		minary Report on Patentability (PCT/IPEA/409)											
21. 🕱	Applicant(s) requests that the publish	ed application include the following assignment	t information: Cartela AB Lund Sweden										
		and application models and tonowing addignification	Carton / 10, Edito, Orrodoff.										

U.S	S. APPLICATION NO. (If knowns	L 7 4 2 I		PCT/SE03/01012	NO.	ATTORN	000500-3			
22	★ The following fees are set	ubmitted:					CALCULATIONS	PTO USE ONLY		
	BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):									
	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110.00 (1611)									
	International preliminary examples of the USPTO but International Sea									
	International preliminary example to the international search fee (0 (1610)								
	International preliminary example all claims did not satisfy p	0 (1609)								
	International preliminary example and all claims satisfied provisions.	0 (1612)								
		\$ 1,110.00								
	Surcharge of \$130.00 (1617 months from the earliest clair	□ 30								
	CLAIMS	NUMBER FILE	0	NUMBER EXTRA	RAT	E	\$			
	Total Claims	24 -2	20 =	4	× \$18.00	(1615)	\$ 72.00			
	Independent Claims		3 =	5	× \$88.00	<u>, , , , , , , , , , , , , , , , , , , </u>	\$ 440.00			
	MULTIPLE DEPENDENT CL	AIM(S) (if applicable	∋)		+ \$300.00	(1616)				
				TOTAL OF ABOVE		TIONS =	\$ 1,622.00			
	Applicant claims small e are reduced by 1/2.	entity status. See 37	CFR	R 1.27. The fees indicate	d above	+	\$ 0.00			
					SUB	TOTAL =	\$ 1,622.00			
	Processing fee of \$130.00 (months from the earliest clair	1618) for furnishing med priority date (37	the E	inglish translation later th	ian 🔲 20	30	\$ 0.00			
					L NATION	AL FEE =	\$ 1,622.00			
	Fee for recording the enclose accompanied by an appropria	• ,		` ''		nerty +				
	accompanies by an approprie	ate cover street (or	<u> </u>		EES ENC		\$ 1,622.00	-		
							Amount to be refunded :			
							charged :			
	a D A shock in the amoun	nt of		to cover the above fees	is enclosed	,				
	 a. A check in the amount of to cover the above fees is enclosed. b. Please charge my Deposit Account No in the amount of \$ 1,622.00 to cover the above fees. A 									
	b. 🔀 Please charge my De		02	-4800 in the amount of	of \$1,6	22.00	to cover the abov	re fees. A		
	 b. Please charge my Doduplicate copy of this c. The Commissioner is 	s sheet is enclosed. s hereby authorized	to ch	arge any additional fees	which may					
	 b. Please charge my Doduplicate copy of this c. The Commissioner is 	s sheet is enclosed. s hereby authorized 02-4800 A c	to ch duplic	·	which may enclosed.					
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622.	s sheet is enclosed. s hereby authorized 02-4800 A c	to ch duplic	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache	which may enclosed. d.	be requir	ed, or credit any ov	erpayment to		
	 b. X Please charge my Doduplicate copy of this c. X The Commissioner is Deposit Account No. 	s sheet is enclosed. s hereby authorized 02-4800 A c	to ch duplic d. Fo	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	erpayment to		
	b. X Please charge my Doduplicate copy of this c. X The Commissioner is Deposit Account No. d. Charge \$1,622.	s sheet is enclosed. s hereby authorized 02-4800 A c	to ch duplic d. Fo	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	erpayment to		
	b. X Please charge my Doduplicate copy of this c. X The Commissioner is Deposit Account No. d. Charge \$1,622.	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under	to ch duplic d. Fo	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	erpayment to		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grades and grades are considered as the commission of the commission o	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	erpayment to		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and gra SEND ALL CORRESPONDE Burns, Doane, Swecke	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	erpayment to		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grade or (b) must be filed and grade or (b). Burns, Doane, Swecke P.O. Box 1404 Alexandria, Virginia 223	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	CFR 1.137(a)		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grade or (b) must be filed and grade or (b). Burns, Doane, Swecke P.O. Box 1404	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been n	be requir	ed, or credit any ov	CFR 1.137(a)		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grade or (b) must be filed and grade or (b). Burns, Doane, Swecke P.O. Box 1404 Alexandria, Virginia 223	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been natus. SIGNAT	be requir	ed, or credit any ovi	CFR 1.137(a)		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grade or (b) must be filed and grade or (b). Burns, Doane, Swecke P.O. Box 1404 Alexandria, Virginia 223	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been nitus. SIGNAT	be requir	ed, or credit any ovi	CFR 1.137(a)		
	b. Please charge my Doduplicate copy of this c. The Commissioner is Deposit Account No. d. Charge \$1,622. NOTE: Where an appropria or (b)) must be filed and grade or (b) must be filed and grade or (b). Burns, Doane, Swecke P.O. Box 1404 Alexandria, Virginia 223	s sheet is enclosed. s hereby authorized 02-4800 A c 00 to credit card ate time limit under anted to restore the	to ch duplic d. Fo r 37 C e app	arge any additional fees ate copy of this sheet is orm PTO-2038 is attache CFR 1.494 or 1.495 has	which may enclosed. d. not been nitus. SIGNAT	be requir	ed, or credit any ovi	cFR 1.137(a)		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Evy Lundgren-Akerlund

Group Art Unit: Unassigned

Application No.: Unassigned

Examiner: Unassigned

Filing Date:

December 8, 2004

Confirmation No.: Unassigned

Title: METHODS AND USES OF THE INTEGRIN ALPHA 10 CHAIN, FOR PREVENTING PROGRESSION OF ATHEROSCLEROSIS PLAQUE FORMATION

GENERAL AUTHORIZATION FOR PETITIONS FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620

Date: December 8, 2004

Registration No. 40,373